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| Division of Forensic Science CONTROLLED SUBSTANCES TRAINING MANUAL | Amendment Designator: |
| | Effective Date: 8-December-2003 |
| <p style="text-align: center;">17 PHARMACEUTICAL PREPARATIONS</p> <p>17.1 Objectives</p> <p>17.1.1 To familiarize the trainee with the analytical procedures for pharmaceutical preparations</p> <p>17.2 Modes of Instruction</p> <p>17.2.1 Self-directed study through reading assignments and worksheets</p> <p>17.2.2 Presentations and demonstrations</p> <p>17.2.3 Practical exercise</p> <p>17.3 Reference</p> <p>17.3.1 <i>Physician's Desk Reference</i>. Montvale, N. J.: Medical Economics, various editions.</p> <p>17.3.2 <u>Identadrug</u>, hardcopy series and website subscription</p> <p>17.3.3 Marnell, Tim, editor. <i>Drug Identification Bible, Fourth Edition</i>. Grand Junction: Amera-Chem, Inc., 1999.</p> <p>17.3.4 DEA Logo Index, printed and electronic version.</p> <p>17.3.5 Poison Control Center</p> <p>17.3.6 DEA <u>Microgram</u>, various editions.</p> <p>17.3.7 Moffat, A. C., editor. <i>Clarke's Isolation and Identification of Drugs</i>. London: The Pharmaceutical Press, 1986.</p> <p>17.3.8 Clarke, E. G. C. <i>Isolation and Identification of Drugs, Volumes 1 and 2</i>. London: The Pharmaceutical Press, 1978.</p> <p>17.3.9 Budavari, Susan, editor. <i>The Merck Index, Eleventh Edition</i>. Rahway, N. J.: Merck & Co., Inc., 1989.</p> <p>17.4 Assignments</p> <p>17.4.1 Study questions and practical exercise</p> <p>17.5 Study Questions</p> <p>17.5.1 Name the manufacturers and active ingredients of the following preparations:</p> <ul style="list-style-type: none"> • Desyrel • Oxycontin • Adderall • Demerol • Preludin • Ritalin • Viagra • Keflex • Percodan • Darvon | |

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| <div> <ul style="list-style-type: none"> • Soma • Paxil • Dalmane • Librax • Valium • Fiorinal • Wellbutrin • Zoloft • Vicodin </div> <div> <p>17.5.2 List four possible references for tablet logo identification.</p> <p>17.5.3 What information should be recorded in the case notes to ensure proper documentation of visual examination?</p> <p>17.5.4 When and why should screening tests be performed on tablets or capsules along with the visual examination?</p> <p>17.5.5 How does the analysis of an injectable dosage form differ if tampering is suspected?</p> <p>17.6 Practical Exercises</p> <p>17.6.1 Obtain 5-10 unknown preparations from the TC. Perform the visual examination with references from two sources.</p> <p>17.6.2 Obtain a sample of an injectable dosage form from the TC. Following the procedure in the procedures manual, analyze the item for possible tampering. Determine the relative concentration of the drug present by using semi-quantitative TLC or UV.</p> <p>17.7 Modes of Evaluation</p> <p>17.7.1 Written examination</p> <div>◆ End</div> </div> | |